COMPRO TECHNOLOGY

DATASHEET

TN1600W

2 Megapixel, WiFi, Day & Night, H.264 , IP66 Outdoor Cloud Network Camera

- 2 Megapixel / HD resolution
- Day / Night functionality with ICR and 30 IR LEDs
- Dual H.264/MJPEG video stream
- Exclusive C4Home cloud app
- 10x digital zoom
- Smart motion detection and push notification
- Air Firmware Update
- Share video and private mode
- Dropbox cloud storage support
- IP66-rated weather-resistant aluminum housing
- Bundles ComproView 32-channels professional surveillance software
- Built-in 802.11 b/g/n wireless LAN support

Compro TN1600W provide an out-of-the-box IP video surveillance solution for professionals and novice users. The outdoor-ready 2-megapixel network camera can be easily and quickly installed without the need for router configuration or networking expertise. TN1600W is loaded with an assortment of advanced surveillance features including C4Home cloud app viewing/managing, day & night functionality, smart motion detection with push notification, and more.

High Quality 2 Megapixel/HD Image

With HD technology, TN1600W lets you view details and identify people and objects at least three times better than the on a conventional CCTV camera. The 2 megapixel resolution allows TN1600W to capture video from a wide area, effectively reducing the number of cameras required in building a reliable video surveillance network.

Easy Installation and Setup

The camera is so easy to set up that even novice users can complete the setup in seconds. Unlike other network cameras, installing this camera does not require any networking expertise. Nor is any sort of router setup required - simply plug-in the cables, scan QR code for mobile app and camera install, and then your TN1600W camera is ready to be viewed and shared on the internet.

Exclusive C4Home Mobile App

You can download the exclusive and feature-rich C4Home camera app to live view and manage cameras from your iPhone or Android devices. Also, the free C4Home mobile app enables you to securely share camera video with your friends and families on your friends list.

802.11n Wireless Connectivity

Built-in 802.11 b/g/n wireless LAN support reduces the cable clutter and lets you conveniently install the camera.

True Day & Night Functionality for 24/7 Surveillance

TN1600W features a unique design of its class integrating a professional-grade ambient light sensor and IR LEDs for round-the-clock surveillance under any lighting condition. The light sensor detects environmental lighting conditions. When in low-light conditions, the 30 built-in IR LEDs are automatically switched on to provide additional infrared light that help deliver clear night-time image.

Intelligent Home Surveillance Solution

Not just cloud monitoring, TN1600W offers a wealth of applications to provide an intelligent surveillance solution, such as iWizard and WebVUer. iWizard is a smart installer to turn the complicated network camera installation into a simple and fast process. WebVUer is an intuitive IE-based video management software loaded with all the key features for trouble-free remote monitoring.

IP66-Rated Weather Resistance

The camera is ready to be mounted outdoors out of the box, saving users installation time and cost. The IP66-rated weather-resistant aluminum housing help the camera survive adverse weather conditions such as dust, rain, and sun.

REVISED 18DEC13

CAMERA

Image Sensor	1/3" 2-Megapixel CMOS sensor
Lens	• Focal Length: 4.0 mm • Max Aperture Ratio: F1.5 • Fixed iris
Angle of View	60° horizontal
Zoom	10x digital zoom
Focusing Range	0.5m ~ INF
Minimum Illumination	• IR Mode: 0 lux with built-in IR LEDs on (30 LEDs in total; effective distance up to 20m) • Color Mode: 1.0 lux
Shutter Time	1/5 ~ 1/16000 Sec.

VIDEO

Video Compression	• H.264 (MPEG-4 Part 10) • M-JPEG
Resolutions	160x120, 320x240, 640x480, 1280x720, 1280x1024, 1600x1200
Frame Rate	• WebVUer up to 15 FPS at 1600 x 1200 (UXGA) • C4Home App up to 30 FPS at 640 x 480
Image Settings	• Adjustable image size and quality • AGC, AWB, AES • Configurable saturation and sharpness

NETWORK

Wireless LAN	Built-in 802.11 b/g/n wireless
Security	User ID / Password protection
Ethernet	10/100 Base-T, autosensing, RJ-45
Supported Protocols	TCP/IP, HTTP, UDP, FTP, ICMP, ARP, DHCP, NTP, DDNS, UPnP, SMTP, IPv4, RTSP, RTP, RTCP

FIRMWARE

Firmware	• Support UPnP • Support online firmware update

WEB BROWSER

Internet Explorer (ActiveX)	• Remotely view camera video and adjust camera settings • Recording and capture snapshots
Supported Viewing Devices	• PC, laptop, tablet, nettop with IE8 • iPhone®/iPad, BlackBerry, Android™, WM, PDA, or cell phones with web browser (MJPEG mode) • Mac OS 10.6 (Live view in M-JPEG mode only)

MOBILE MONITOR

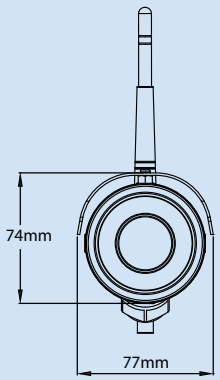
C4Home App	Free mobile applications for iPhone and Android • Motion detection and push notification • Private mode and Video Sharing • Mobile digital zoom control • Air firmware update • Dropbox cloud storage for event snapshot • Watch 4 channels at once (Android/PC only)
MJPEG Mode	Viewing of camera image via phone browsers
3GPP Mode	Viewing of camera image via 3G phones (3GPP Streaming)

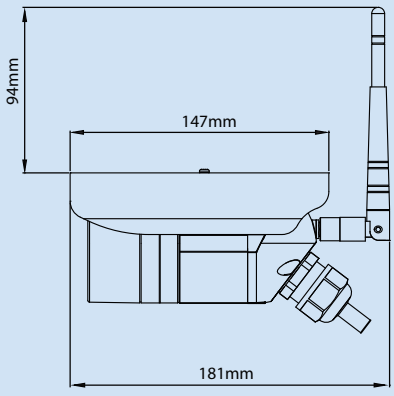
GENERAL

Video Surveillance	ComproView 32-channel video management software included
Operating Condition	• Operating temperature: -20 °C ~ 50 °C (-4 °F to 122 °F) • Humidity: 20~80% RH non-condensing
Weather Resistance	IP66-Rated
Power Supply	DC 12V / 2A
System Requirements	• Computer with 2.8GHz Dual-Core processor and 2GB memory or above • Supported Operating Systems: Windows XP SP3, Vista SP1, Windows 7, Windows 8, Mac OS 10.6 (Live view in M-JPEG mode only)
Package Contents	• Network camera • Software CD (manual included) • Quick installation guide • Power adapter and power cable • Ethernet cable • Bracket • Detachable wireless antenna
Dimensions	181 mm (L) x 77 mm (W) x 74 mm (H) (with sunshield)
Net Weight	0.55 kg

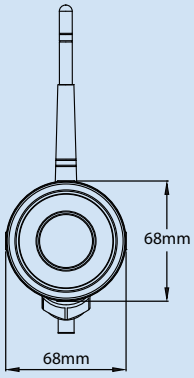
Dimensions

With sunshield

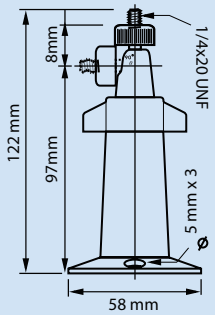




Without sunshield



Bracket



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